

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

| | | |
|--|--|---|
| Applicant's or agent's file reference 713-1216PCT | FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below. | |
| International application No. PCT/IB2005/000084 | International filing date (day/month/year) 14/01/2005 | (Earliest) Priority Date (day/month/year) 19/01/2004 |
| Applicant ITW AUTOMOTIVE PRODUCTS GMBH & CO. KG | | |
| <p>This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.</p> <p>This International Search Report consists of a total of <u>4</u> sheets.</p> <p><input checked="" type="checkbox"/> It is also accompanied by a copy of each prior art document cited in this report.</p> | | |
| <p>1. Basis of the report</p> <p>a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.</p> <p><input type="checkbox"/> The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).</p> <p>b. <input type="checkbox"/> With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.</p> <p>2. <input type="checkbox"/> Certain claims were found unsearchable (See Box II).</p> <p>3. <input type="checkbox"/> Unity of invention is lacking (see Box III).</p> <p>4. With regard to the title,</p> <p><input checked="" type="checkbox"/> the text is approved as submitted by the applicant.</p> <p><input type="checkbox"/> the text has been established by this Authority to read as follows:</p> | | |
| <p>5. With regard to the abstract,</p> <p><input type="checkbox"/> the text is approved as submitted by the applicant.</p> <p><input checked="" type="checkbox"/> the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.</p> | | |
| <p>6. With regard to the drawings,</p> <p>a. the figure of the drawings to be published with the abstract is Figure No. <u>1</u></p> <p><input checked="" type="checkbox"/> as suggested by the applicant.</p> <p><input type="checkbox"/> as selected by this Authority, because the applicant failed to suggest a figure.</p> <p><input type="checkbox"/> as selected by this Authority, because this figure better characterizes the invention.</p> <p>b. <input type="checkbox"/> none of the figures is to be published with the abstract.</p> | | |

INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB2005/000084

Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

A filler neck an actuation ring (16) having a slot (18) and an entrance portion which is conically narrowed towards the tank, the most narrow cross-section of the entrance portion being smaller than the diameter of a diesel-nozzle and larger than that of an otto-nozzle the actuation ring (16) has an actuation portion at the end facing the tank at least on one side of the slot a closing mechanism is associated with the end of the actuation ring facing the tank and designed such that in a closing position thereof it stops the otto nozzle inserted into the actuation ring and the actuation portion of the actuation ring engages the closing mechanism, whereby the closing mechanism is moved from the closing position into an opened position by the actuation portion if the actuation ring is radially expanded by the diesel-nozzle inserted into the actuation ring.

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B60K15/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B60K B60L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category ° | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| A | FR 2 761 934 A (PAUL JOURNEE SA) 16 October 1998 (1998-10-16) cited in the application the whole document ----- | 1-12 |
| A | DE 101 26 207 A1 (BAYERISCHE MOTOREN WERKE AG) 16 January 2003 (2003-01-16) cited in the application the whole document ----- | 1-12 |
| A | DE 101 39 665 A1 (BAYERISCHE MOTOREN WERKE AG) 20 February 2003 (2003-02-20) cited in the application the whole document ----- | 1-12 |
| A | FR 2 762 807 A (MGI COUTIER SA) 6 November 1998 (1998-11-06) abstract; figures 1-3 ----- | 1-12 |

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

° Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

27 June 2005

Date of mailing of the international search report

07/07/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Călămar, G

| Patent document cited in search report | Publication date | | Patent family member(s) | | Publication date |
|--|------------------|------------|---|--|--|
| FR 2761934 | A | 16-10-1998 | FR 2761934 A1 DE 69807387 D1 DE 69807387 T2 EP 0872370 A1 ES 2182167 T3 | | 16-10-1998 02-10-2002 19-12-2002 21-10-1998 01-03-2003 |
| DE 10126207 | A1 | 16-01-2003 | DE 50200100 D1 EP 1262355 A1 ES 2208621 T3 | | 18-12-2003 04-12-2002 16-06-2004 |
| DE 10139665 | A1 | 20-02-2003 | DE 50200153 D1 EP 1284212 A1 ES 2212792 T3 | | 29-01-2004 19-02-2003 01-08-2004 |
| FR 2762807 | A | 06-11-1998 | FR 2762807 A1 | | 06-11-1998 |